



## Banner Ups TigerLam™

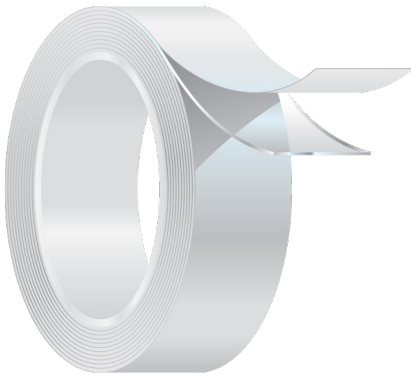
Banner Ups TigerLam™ is a 5.2 mil transfer tape with a modified acrylic adhesive. It bonds well to low surface energy materials and has good foam bonding properties. It is commonly used for foam and fabric applications in the automotive and appliance industries.

### FEATURES:

- Unsupported adhesive
- Modified acrylic adhesive for low surface energy substrates
- Super calendered kraft release liner

### BENEFITS:

- Highly conformable to curved or irregular surfaces
- Strong bond to low surface energy materials and good foam bonding performance
- Good heat resistance
- High tensile strength and tear resistance with excellent die cutting performance



### CONSTRUCTION:

#### Liner:

80# White Kraft

#### Adhesive:

Acrylic

**Banner Ups TigerLam™**

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US mil	mm	micron (µm)
Liner		4.4	0.11	110
Adhesive		5.2	0.13	130
Total Caliper without Liner:		5.2	0.13	130
Total Caliper:		9.6	0.24	240

PEEL ADHESION				Test Method(s): PSTC-101, ASTM D-3330	
2 mil PET	72 hr dwell	180°	12 in /min (305 mm / min)		
Substrate				Lbf / In	N / Meter
SS				8.0	1,400
ABS				8.0	1,400

LOOP TACK				Test Method(s): PSTC-16	
2 mil PET	Initial	20 in / min (508 mm / min)			
Substrate				Lbf / In	N / Meter
SS				9.0	1,580

STATIC SHEAR				Test Method(s): PSTC-107, ASTM D 3654	
2 mil PET	72 hr dwell	1" sq (6.5 cm2)	500 g		
Substrate				Mins to Fail	
SS				10,000	

TEMPERATURES	° F	° C
Minimum Application Temperature	50° F	10° C
Minimum Service Temperature	-40° F	-40° C
Maximum Service Temperature	350° F	175° C

THE LISTED VALUES ARE TYPICAL AND NOT INTENDED TO SERVE AS PRODUCT SPECIFICATIONS

**APPLICATION TECHNIQUES**

- It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (film / rigid) surface achieves different performance

**STORAGE / SHELF LIFE**

- One year when stored at 64-72°F (18-22°C) / 30-70% relative humidity, out of direct sunlight and in original packaging.

The physical properties listed are typical values and are not to be considered as specifications. Our suggestions for use are based on tests we believe to be reliable. However, the purchaser must carry out their own tests to determine the suitability of the product for their internal use. Information is given in good faith, but without warranty. It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease and oil. Shelf life from date of manufacture is based on the product being stored at 70°F(21°C)/50% relative humidity, and out of direct sunlight.